LINKSYS®
A Division of Cisco Systems, Inc.

High-speed Wireless-N networking for your notebook computer

The Wireless-N Notebook Adapter is the simple way to add or upgrade wireless connectivity in your notebook computer. Just slide it into your notebook's PC Card slot and enjoy incredible high-speed wireless network access while retaining true mobility.

The Wireless-N Notebook Adapter uses the very latest wireless networking technology, Wireless-N (draft 802.11n). By overlaying the signals of multiple radios, Wireless-N's "Multiple In, Multiple Out" (MIMO) technology multiplies the effective data rate. Unlike ordinary wireless networking technologies that are confused by signal reflections, MIMO actually uses these reflections to increase the range and reduce "dead spots" in the wireless coverage area. The robust signal travels farther, maintaining wireless connections up to 4 times farther than standard Wireless-G.

With Wireless-N, the farther away you are, the more speed advantage you get. It works great with standard Wireless-G and -B equipment, but when both ends of the wireless link are Wireless-N, the throughput can be increased even more by using twice as much radio band, yielding speeds up to 12 times as fast as standard Wireless-G.

Once you're connected, you can keep in touch with your e-mail, access the Internet, and share files and other resources such as printers and network storage with other computers on the network, wherever you wander. At home, you can surf the web or use instant messaging to chat with friends while sitting out on the patio. You'll also be able to connect with any of the growing number of public hotspots springing up in coffee shops, airport lounges, hotels and convention centers. Your wireless connection is protected by industrial-strength 256-bit encryption. The included Setup Wizard will walk you through configuring the adapter to your network's settings, step by step.

The incredible speed of Wireless-N makes it ideal for media-centric applications like streaming video, gaming, and Voice over IP telephony, and gives you plenty of headroom to run multiple media-intense data streams through the network at the same time, with no degradation in performance. Get your notebook connected to Wireless-N, Wireless-G, and Wireless-B networks with the Wireless-N Notebook Adapter from Linksys.

High-speed Wireless-N (draft 802.11n) networking for your notebook computer.	MIMO technology uses multiple radios to create a robust signal that travels up to 4 times farther and reduces dead spots.	Up to 12 times faster than Wireless-G, but can also connect to Wireless-G and -B networks.	Advanced wireless security with up to 256-bit encryption

Wireless-N

WIRELESS

Wireless-N Notebook Adapter

Product Data

CISCO SYSTEMS

Model WPC300N (EU)

Wireless-N

Wireless-N Notebook Adapter

Features

- Increases range up to 4X, and speed up to 12X, over Wireless-G (802.11g) standard
- Performance Investment Protection: Compatibility with Wireless-B (802.11b) and Wireless-G (802.11g) standards
- Easy to use Setup Wizard
- Supports up to 256-bit wireless encryption
- 32-bit CardBus interface
- Plug-and-Play operation provides easy setup
- Compatible with Microsoft® Windows 2000 and Windows XP

Specifications

Model	WPC300N
Standards	IEEE 802.11b, IEEE 802.11g, Draft IEEE 802.11n
Channels	802.11b/802.11g/Wireless-N (20MHz) 11 Channels (US, Canada) 13 Channels (Europe)
LEDs	Power, Link/Act
Modulations	802.11b: CCK, QPSK, BPSK 802.11g: OFDM Wireless-N: BPSK, QPSK, 16-QAM, 64-QAM
Transmitted Power	802.11g: 14±1dBm (Typical) Wireless-N: 10±1dBm (Typical)
Receive Sensitivity	54Mbps @ -70dBm (Typical) Wireless-N @ -70dBm (Typical)
Power Consumption	TX: <700mA (Maximum) RX: <540mA (Maximum)
Security features	Up to 256-bit wireless encryption

Environmental

Dimensions	124 x 9 x 54 mm
Weight	0,05 kg
Power	3,3V
Certification	FCC, CE
Operating Temp.	0ºC to 55ºC (32ºF to 131ºF)
Storage Temp.	-25ºC to 85ºC (-13ºF to 185ºF)
Operating Humidity	10% to 85% Non-Condensing
Storage Humidity	5% to 90% Non-Condensing

Linksys

Web: http://www.linksys.com/international

Linksys products are available in more than 50 countries, supported by 12 Linksys Regional Offices throughout the world. For a complete list of local Linksys Sales and Technical Support contacts, visit our Worldwide Web Site at www.linksys.com/international.

Minimum Requirements

- 600 MHz or Faster PC
- 256 MB of RAM Memory
- CD-ROM Drive
- Available CardBus Slot for Wireless-N Notebook Adapter
- Windows 2000 or XP with Service Pack 1 (or later)

Package Contents

- Wireless-N Notebook Adapter
- Setup Wizard CD-ROM
- User Guide on CD-ROM
- Quick Installation

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